Notice of Allowability The MAILING DATE of this communication appears on the All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAI herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other app NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP	5 HORIUCHI, AKIHISA Art Unit Thompson 2873 cover sheet with the correspondence address INS) CLOSED in this application. If not included propriate communication will be mailed in due course. THIS s application is subject to withdrawal from issue at the initiative 1308.
Timothy J The MAILING DATE of this communication appears on the All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAI herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other app NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This	Thompson 2873 cover sheet with the correspondence address INS) CLOSED in this application. If not included propriate communication will be mailed in due course. THIS application is subject to withdrawal from issue at the initiative 1308.
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	0/03,
1. This communication is responsive to an amendment received on 10/10	7
2. The allowed claim(s) is/are 12-18,20,23-26,28-34,36-38 and 40-50.	•
3. The drawings filed on 10/30/02 are accepted by the Examiner.	
 4. Acknowledgment is made of a claim for foreign priority under 35 U.S. a) All b) Some* c) None of the: 	.C. § 119(a)-(d) or (f).
1. Certified copies of the priority documents have been received	ved.
2. Certified copies of the priority documents have been received in Application No. 09/263,230.	
3. Copies of the certified copies of the priority documents have been received in this national stage application from the	
International Bureau (PCT Rule 17.2(a)).	
* Certified copies not received:	
 Acknowledgment is made of a claim for domestic priority under 35 U.S reference was included in the first sentence of the specification or in ar 	
(a) The translation of the foreign language provisional application has	• •
6. Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.	
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication. Failure to timely comply will result in ABANDONMENT of this application.	
7. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.	
8. CORRECTED DRAWINGS (as "replacement sheets") must be submitted (a) including changes required by the Notice of Draftsperson's Patentental) hereto or 2) to Paper No.	
(b) including changes required by the proposed drawing correction filed, which has been approved by the Examiner.	
(c) 🔲 including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No	
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the margin according to 37 CFR 1.121(d).	
9. DEPOSIT OF and/or INFORMATION about the deposit of BIOL attached Examiner's comment regarding REQUIREMENT FOR THE DEPOS	
Attachment(s)	
1 Notice of References Cited (PTO-892) 5	☐ Notice of Informal Patent Application (PTO-152)
2 Notice of Draftperson's Patent Drawing Review (PTO-948) 6	☐ Interview Summary (PTO-413), Paper No
3 Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No7	Examiner's Amendment/Comment
of Biological Material Manager 1 Supp	☑ Examiner's Statement of Reasons for Allowance ☐ Other
Supervisory Patent Examiner Technology Center 2800	

DETAILED ACTION

Allowable Subject Matter

Claims 12-18, 20, 23-26, 28-34, 36-38, 40-50 are allowed.

The following is an examiner's statement of reasons for allowance: The prior art taken either singularity or in combination fails to anticipate or fairly suggest the limitations of the independent claim, in such a manner that a rejection under 35 U.S.C. 102 or 103 would be proper. The prior art fails to teach a combination of all the claimed features as presented in independent claims 12, 23, 36-38, 40, 41, 43, 44, with the allowable features being the conditional relationship pertaining to; the radii of curvature of the twenty fourth and twenty fifth lens surface(claim 12, 38); the positioning of the specific lenses(claim 23, 44); the relationship of the focal length of F3/FA(claim 36); the magnification B4T(claim 37); the focal length of F2/FA(claim 40, 41, 43); the movement of the lens groups during zooming(claim 44). Therefore, claims 12-18, 20, 23-26, 28-34, 36-38, 40-50 are allowed.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Timothy J. Thompson whose telephone

Application/Control Number: 09/698,115

Art Unit: 2873

number is (703) 305-0881. If the examiner can not be reached his supervisor,

Page 3

Georgia Epps, can be reached on (703) 308-4883.

T.J.T.

11/18/03

Supervisory Patent Examiner Technology Center 2800